

## SUMMARY

The TWRS Regulatory Unit (RU) mission area consists of the TWRS RU Project, WBS 1.10.1.1 (Project Baseline Summary [PBS] RG01) and PBS 0T05. PBS RG01 defines the cost and schedule baseline associated with Program Support (subcontractor and national laboratory personnel) and is the focus of this section. PBS 0T05 provides for the funding of the federal technical personnel that support the TWRS RU program and is reported separately.

The RU completed and released to the public the subject evaluation reports of both Tank Waste Remediation System Privatization (TWRS-P) contractors on March 27. The RU approved both the BNFL Inc., (BNFL) and Lockheed Martin Advanced Environmental Systems (LMAES) Standards Approval (SA) Packages subject to completion of conditions. As described in the Initial Safety Evaluation Reports, the RU determined that both the BNFL and LMAES SA Packages were viable from a safety perspective, to proceed to Part B. However, the RU identified many open items each contractor must resolve during Part B design activities. The most important issues were insufficient bases for the safety control standards and design strategies selected, and insufficient definition of standards.

The assessment to determine the Regulatory Unit readiness to proceed with Part B TWRS-P activities was conducted by the Office of Environment, Safety and Health (EH-34) and consisted of a 12 person review team. The on-site portion of the assessment will conclude in early April.

The RU completed work on the program description document, "Corrective Action/Enforcement Action Program Description." The subject document describes the approach that will be taken by the RU regarding the identification, tracking, and verification of contractor corrective actions taken in response to nuclear, radiological, and process safety issues. The program includes a description of the interface between contractors, the RU, and the DOE Office of Enforcement and Investigation regarding to the DOE Price-Anderson Amendments Act (PAAA) program that addresses enforcement of nuclear safety rules under 10 CFR 820. The subject document was issued as Revision 1 on March 20, and reflects the resolution of comments made on the original document.

Milestone Performance (EA, DOE-HQ, Field Office, and RL) shows that three milestones (60 percent) were completed ahead of schedule, and two milestones(40 percent) were completed late.

## ACCOMPLISHMENTS

- Completed Standards Approval for LMAES four days early. (97L-12)
- Completed Initial Safety Evaluation (ISE) Review for LMAES four days early. (97L-13)
- Completed Standards Approval for BNFL 13 weeks late. (97-B12)
- Completed ISE Review for BNFL 3 weeks late. (97B-13)

**COST PERFORMANCE (\$M):**

	<b>BCWP</b>	<b>ACWP</b>	<b>VARIANCE</b>
TWRS Regulatory Unit	\$ 3.1	\$ 1.6	\$ 1.5

The \$1.5 million (48 percent) favorable cost variance is due to delays in receiving actual costs from national laboratory and subcontract personnel.

**SCHEDULE PERFORMANCE (\$M):**

	<b>BCWP</b>	<b>BCWS</b>	<b>VARIANCE</b>
TWRS Regulatory Unit	\$ 3.1	\$ 3.1	(\$ 0.0)

There is no schedule variance.

**COST VARIANCE ANALYSIS: \$1.5M****WBS/PBS****Title****1.10.1.1/RG01      TWRS Regulatory Unit**

**Description and Cause:** Costs continue to be understated due to delays in receiving actual costs from program support personnel. Contractor costs were not accrued in March due to other cost corrections processed. At this time, only PNNL has processed a monthly accrual. Actual costs expended are estimated to be \$2.9 million, resulting in a favorable cost variance of \$0.2 million. The favorable cost variance is associated with level of effort work scope deferred due to extensive efforts made in concluding the contractor review activities.

**Impact:** National lab costs, except for PNNL, will continue to be understated until the September fiscal year-end closing process because they do not process monthly accruals.

**Corrective Action:** All contracted personnel costs will be accrued for the remainder of the fiscal year beginning with April reporting.

**SCHEDULE VARIANCE ANALYSIS: (\$0.0M)****WBS/PBS****Title****1.10.1.1****TWRS Regulatory Unit****Description and Cause:** There is no schedule variance in March.**Impact:****Corrective Action:**

## **MILESTONE EXCEPTION REPORT**

<u>No./WBS</u>	<u>Level</u>	<u>Milestone Title</u>	<u>Baseline Date</u>	<u>Forecast Date</u>
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There are no milestone exceptions in March.